

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of claims:

Claims 1-14 (canceled).

Claim 15 (new): A communication system comprising:
a plurality of common channels that include a primary common control physical channel;
a plurality of dedicated channels; and
a synchronization channel;
wherein the primary common control physical channel and the synchronization channel are transmitted time multiplexed; and wherein the transmit power of dedicated channels is reduced during the transmission of the synchronization channel.

Claim 16 (new): The communications system according to claim 15; wherein the common channels and the dedicated channels are transmitted code multiplexed.

Claim 17 (new): The communications system according to claim 15, wherein the communications system is a Wide-Band-CDMA-System.

Claim 18 (new): The communications system according to claim 15, wherein the communications system is a Universal Mobile Telecommunications System.

Claim 19 (new): The communications system according to claim 15, wherein the reduction of the transmit power of dedicated channels is such that the total transmit power of the used channels is substantially constant.

Claim 20 (new): The communications system according to claim 15, wherein the reduction of the transmit power of dedicated channels is such that the

total transmit power of the used channels is substantially constant and not above an amplifier power limit.

Claim 21 (new): The communications system according to claim 15, wherein the transmit power of the dedicated channels is reduced during the transmission of the synchronization channel by the difference between the transmit power of the synchronization channel and the transmit channel of the primary common control physical channel.

Claim 22 (new): The communications system according to claim 15, wherein the transmit power of dedicated channels is reduced at the beginning of the synchronization channel, and the transmit power of dedicated channels is increased at the end of the synchronization channel.

Claim 23 (new): The communications system according to claim 15, wherein the transmit power of dedicated channels is reduced at the beginning of the synchronization channel by the difference between the transmit power of the synchronization channel and the transmit power of the primary common control physical channel, and wherein the transmit power of dedicated channels is increased at the end of the synchronization channel by the difference between the transmit power of the synchronization channel and the transmit power of the primary common control physical channel.

Claim 24 (new): The communications system according to claim 15, wherein the reduction of the transmit power of dedicated channels during the transmission of the synchronization channel is triggered by information received on synchronization channel timing.

Claim 25 (new): The communications system according to claim 15, wherein the reduction of the transmit power of dedicated channels is such that the total transmit power of the used channels is substantially constant and not above an

amplifier power limit (1) just before the transmission of the synchronization channel, (2) just after the transmission of the synchronization channel and (3) during the transmission of the synchronization channel.

Claim 26 (new): The communications system according to claim 15, wherein a sum transmit power of the dedicated channels during downlink is reduced during the transmission of the synchronization channel in order to keep the total output power at the base station power amplifier below a maximum power limit.

Claim 27 (new): A method for transmitting data in a communications system, comprising:

transmitting a primary common control physical channel and a synchronization channel time multiplex; and

reducing the transmit power of dedicated channels during the transmission of the synchronization channel.

Claim 28 (new): A base station for transmitting data in a communications system, comprising:

a plurality of common channels that include a primary common control physical channel;

a plurality of dedicated channels; and

a synchronization channel,

wherein the base station system is arranged such that the primary common control physical channel and the synchronization channel are transmitted time multiplexed, and the transmit power of dedicated channels is reduced during the transmission of the synchronization channel.